

**50mW Explosion Proof Red Crane Warning Laser- C1D1-2 - C2D1-2 - Aluminum Housing - 12V DC**

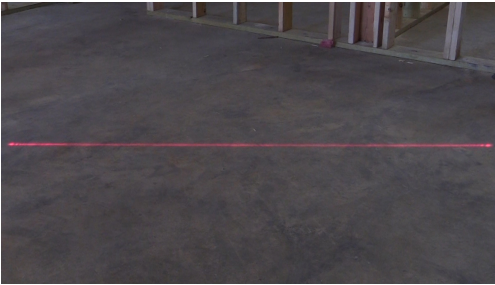
Part #: [EXHL-TRN-LE5-CRN-RED-50MW-1224](#)



**Made in Texas**

The EXHL-TRN-LE5-CRN-RED-50MW-1224 from Larson Electronics is an Explosion Proof Red Crane Warning Laser that can be used to support safety during crane operations and to warn people in the area about the presence of an operating crane. The EXHL-TRN-LE5-CRN-RED-50MW-1224 is Class I, Divisions 1 & 2, Groups B, C, D, Class I, Zones 1 & 2, Groups IIB+H2, IIA, Class II, Divisions 1 & 2, Groups E, F, G and Class III Divisions 1 & 2 rated for hazardous areas and is listed for use worldwide including the United States, Canada, Europe and Asia. This explosion proof 50 mW laser operates on 12V DC and features a sturdy aluminum build.

The EXHL-TRN-LE5-CRN-RED-50MW-1224 incorporates a red LZRWL-CRN-RED laser that can be seen clearly during busy crane operations. This powerful laser pointer is equipped with a special optic in front that allows it to project a 120° angle line onto the floor of the work location or area where the crane is operating. It is mounted on the arm of a crane and projects the beam onto the floor of the work location or area where the crane is operating.



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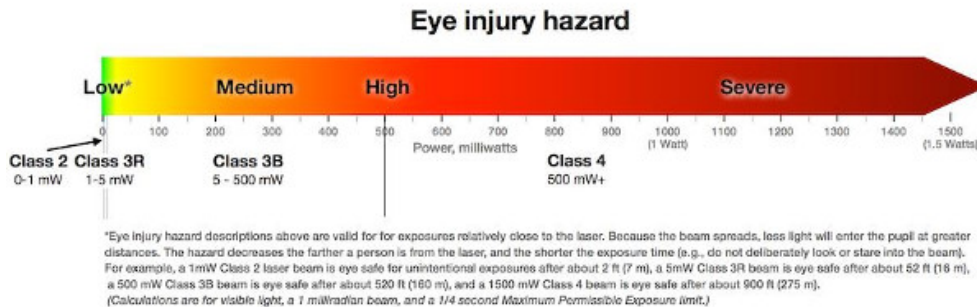
A small profile, low 12V DC power requirements, high durability and versatile mounting makes these crane warning lasers ideal for industrial manufacturing applications and anywhere requiring overhead crane safety lights. Similar to forklift safety lights, this product will add an additional level of safety to the industrial environment by warning pedestrians of a crane's movement when sound warnings may not be enough.

**Durability:** The EXHL-TRN-LE5-CRN-RED-50MW-1224 explosion proof red laser from Larson Electronics is rated NEMA Type 3, 4, 4X, 7 (B,C,D) and 9 (E,F,G) and designed to withstand the rigors of demanding environmental and operating conditions while remaining lightweight and easy to use. These units can operate in temperatures of -40° Celsius to 50° Celsius, are waterproof to 3 meter and resist ingress of dust, dirt and humidity. The housings are formed from extruded aluminum and the lenses are unbreakable polycarbonate.

**Mounting:** This explosion proof laser features an adjustable surface mount bracket for seamless control. The included adjustable flat surface bracket has two set screws on the bracket, allowing operators to loosen the mounting bracket, adjust the laser's tilt orientation, and retighten to hold the unit in position. A single thru-hole mounting bolt allows operators to adjust the rotation of the fixture by loosening one bolt.

**Wiring:** Terminal strips inside the unit allow operators to make electrical connections. Wiring is fed through rigid pipe to the 3/4" NPT hubs on either side of the fixture and tied in to the fixture's terminal strips, completing the electrical connection.

**Applications:** Crane safety, crane measurements, crane warning system and more.



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At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

### Specifications / Additional Information

#### EXHL-TRN-LE5-CRN-RED-50MW-1224 50mW Explosion Proof Red Crane Warning Laser

**Lamp Type:** Laser

**Dimensions:** 8"L x 6"W x 14"H

**Total Milliwatts (mW):** 50 mW

**Voltage:** 12V DC

**Lumens:** NA

**Laser Color:** Red

**Laser Life Expectancy:** 30,000 hours

**Laser Configuration:** 120° Wide Beam

**Ambient Operating Temp Range:** -40°C to +50°C

**Housing Material:** Aluminum

**Housing Color:** Powder Coated - Grey

**Lens Material:** Polycarbonate

**Mounting:** Adjustable Surface Mount Bracket w/ Set Screws

**Wiring Hub:** (2) 3/4" NPT

**Warranty:** Yes - 3 Years\*

#### Ratings/Approvals

Listed for United States, Canada, Europe, Asia

Class I, Div. 1 & 2, Groups B, C, D

Class I, Zones 1 & 2, Groups IIB+H2, IIA

Class II, Div. 1 & 2, Groups E, F, G

Class III, Div. 1 & 2

NEMA Type 3, 4, 4X, 7 (B,C,D), 9 (E,F,G)

ATEX Ex II 2 G / D

IECEX db IIC Gb

IECEX tb IIC Db IP66

Made in the USA

#### Special Orders- Requirements

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-498-3363

**E-mail:** sales@larsonelectronics.com

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Part #: EXHL-TRN-LE5-CRN-RED-50MW-1224 (146982)

Options:

EXHL-TRN-LE5-CRN-RED-50MW-1224- BEAM SPREAD

Example: EXHL-TRN-LE5-CRN-RED-50MW-1224-WIDE

BEAM SPREAD	
Wide	-WIDE
Narrow	-NRW











Links (Click on the below items to view):

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- [SpecSheet Spanish](#)
- [SpecSheet Farsi](#)
- [SpecSheet Russian](#)
- [Dimensional Drawing](#)
- [BeamInfo](#)
- [STEP](#)
- [Hi Res Image 1 - Explosion Proof Red Laser Warning Light](#)
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